

PI 552967 to 552968. *Avena sativa* L. POACEAE Common oat

**Donated by:** Agricultural Research Service -- USDA, Nat. Small Grains Germplasm Res. Fac., P.O. Box 307, Aberdeen, Idaho, United States. Received 1984.

PI 552967 **origin:** United States. **origin institute:** Agricultural Research Service -- USDA, Iowa State University, Department of Plant Pathology, Ames, Iowa 50011. **cultivar:** IA H677. **pedigree:** IA X421/IA H382. **other id:** GP-31. **source:** Crop Sci. 25(4):716 1985. **group:** CSR-OAT. **remarks:** Midseason spring oat, medium in height, and produces medium-sized yellow seeds. Panicles are semicompact and leaves are short, upright and dark green. Carries genes Pc-51 and Pc-36 for resistance to crown rust. Annual. Genetic Material. Seed.

PI 552968 **origin:** United States. **origin institute:** Agricultural Research Service -- USDA, Iowa State University, Department of Plant Pathology, Ames, Iowa 50011. **cultivar:** IA H681. **pedigree:** IA D539/IA D486. **other id:** GP-32. **source:** Crop Sci. 25(4):716 1985. **group:** CSR-OAT. **remarks:** Early spring oat, short, and lodging resistant. Seed is yellow, slender, and tapered. Carries genes Pc-53 and Pc-51 for resistance to crown rust. Annual. Genetic Material. Seed.

PI 552969 to 552970. *Avena sativa* L. POACEAE Common oat

**Donated by:** Frey, K. J., Iowa Agr. and Home Econ. Exp. Sta., Iowa State University, Ames, Iowa, United States. Received 1985.

PI 552969 **origin:** United States. **origin institute:** Iowa Agr. and Home Econ. Exp. Sta., Iowa State University, Ames, Iowa 50011. **cultivar:** MULTILINE E76. **pedigree:** Composite of 9 isolines (CIav 9169, CIav 9170, CIav 9172, CIav 9176, CIav 9178, CIav 9179, CIav 9180, CIav 9181, CIav 9286) each with CIav 8044 as its recurrent parent. **other id:** CV-309. **source:** Crop Sci. 25(6):1125 1985. **group:** CSR-OAT. **remarks:** Very early maturity, short, and produce predominantly large plump ivory-colored seed with bronze basal tip. Leaves short, upright and dark green. Panicles are semicompact and good lodging resistance. Susceptible to barley yellow dwarf virus and to the Clintland race of loose smut. Heterogenous reaction to crown rust and carries the genes Pg-2 and Pg-4 for reaction to stem rust. Annual. Cultivar. Seed.